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Amendments to the Claims:

This listing of claims replaces all prior versions and listings of claims in the application:

Listing of Claims:

- 1. (Original) A dimer comprising a first neublastin polypeptide and a second neublastin polypeptide, wherein: (a) at least one of the polypeptides is glycosylated; (b) at least one of the polypeptides is conjugated at its N-terminus to a water-soluble synthetic polymer; and (c) neither of the polypeptides is conjugated to a water-soluble synthetic polymer at a position other than the N-terminus.
- 2. (Original) The dimer according to claim 1, wherein the first neublastin polypeptide is selected from the group consisting of NBN113 (SEQ ID NO:2), NBN140 (SEQ ID NO:6), NBN116 (SEQ ID NO:7), NBN112 (SEQ ID NO:8), NBN111 (SEQ ID NO:9), NBN110 (SEQ ID NO:10), NBN109 (SEQ ID NO:11), NBN108 (SEQ ID NO:12), NBN107 (SEQ ID NO:13), NBN106 (SEQ ID NO:14), NBN105 (SEQ ID NO:15), NBN104 (SEQ ID NO:16), NBN103 (SEQ ID NO:17), NBN102 (SEQ ID NO:18), NBN101 (SEQ ID NO:19), NBN100 (SEQ ID NO:20) and NBN99 (SEQ ID NO:21).
- 3. (Original) The dimer according to claim 1, wherein the amino acid sequence of the first neublastin polypeptide and the second neublastin polypeptide are the same.
- 4. (Currently Amended) The dimer of claim 1, wherein the water-soluble synthetic polymer is a polyalkylene glycol <u>moiety</u>.

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5. (Currently Amended) The dimer of claim 4, wherein the N-terminal amino acid of the first neublastin polypeptide and the N-terminal amino acid of the second neublastin polypeptide each is conjugated to a polyalkylene glycol moiety.

- 6. (Original) The dimer of claim 3, wherein the amino acid sequence of the first neublastin polypeptide is NBN104 (SEQ ID NO:16).
- 7. (Currently Amended) The dimer according to claim <u>5</u>-1, wherein the average total molecular weight of the polyalkylene glycol moiety or moieties conjugated to the dimer is 10-50 kDa.
- 8. (Original) The dimer of claim 7, wherein the average total molecular weight of the polyalkylene glycol moiety or moieties conjugated to the dimer is 15-45 kDa.
- 9. (Original) The dimer of claim 8, wherein the average total molecular weight of the polyalkylene glycol moiety or moieties conjugated to the dimer is 20-40 kDa.
- 10. (Currently Amended) The dimer according to claim <u>4</u>-1, wherein the polyalkylene glycol <u>moiety</u> is linear.
- 11. (Currently Amended) The dimer according to claim 4-toclaim 1, wherein the polyalkylene glycol is branched.
- 12. (Currently Amended) The dimer of <u>claim 4 claim1</u>, wherein the polyalkylene glycol moiety is a polyethylene glycol (PEG) moiety.
- 13. (Original) A composition comprising the dimer of claim 1 and a pharmaceutically acceptable carrier.

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14. (Original) A method of treating neuropathic pain in a mammal, comprising administering to the mammal a therapeutically effective amount of the dimer of claim 1.

- 15. (Original) A method of treating tactile allodynia in a mammal, comprising administering to the mammal a therapeutically effective amount of the dimer of claim 1.
- 16. (Original) A method of treating thermal hyperalgesia, comprising administering to the mammal a therapeutically effective amount of the dimer of claim 1.
- 17. (Currently Amended) The method of claim 14, 15 or 16, wherein the mammal is a human.
- 18. (Currently Amended) The method claim 14, 15 or 16, wherein the therapeutically effective amount is from 0.1 μ g/kg to 1000 μ g/kg.
- 19. (Currently Amended) The <u>method of method of laim 18</u>, wherein the therapeutically effective amount is from 1 μ g/kg to 100 μ g/kg.
- 20. (Currently Amended) The <u>method of method of method of</u> claim 19, wherein the therapeutically effective amount is from 1 μ g/kg to 30 μ g/kg.
- 21. (Original) The method of claim 20, wherein the therapeutically effective amount is from 3 μ g/kg to 10 μ g/kg.
- 22. (Currently Amended) The method of claim 16, 17 or 18, wherein the route of administration is intravenous, intramuscular or subcutaneous.

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23. (Original) A method of activating the RET receptor in a mammal, comprising administering to the mammal an effective amount of the dimer of claim 1.

- 24. (Original) A method of treating neuropathic pain, tactile allodynia or thermal hyperalgesia in a mammal, comprising co-administering to the mammal an effective amount of the dimer of claim 1 and an analgesic agent.
- 25. (New) A dimer comprising a first neublastin polypeptide and a second neublastin polypeptide, wherein: (a) at least one of the polypeptides is glycosylated; (b) at least one of the polypeptides is conjugated at its N-terminus to a polyethylene glycol moiety; and (c) neither of the polypeptides is conjugated to a polyethylene glycol moiety at a position other than the N-terminus, and wherein the amino acid sequence of the first neublastin polypeptide and the second neublastin is NBN104 (SEQ ID NO:16).
- 26. (New) The dimer of claim 25, wherein the N-terminal amino acid of the first neublastin polypeptide and the N-terminal amino acid of the second neublastin polypeptide each is conjugated to a polyethylene glycol moiety.
- 27. (New) A dimer comprising a first neublastin polypeptide and a second neublastin polypeptide, wherein: (a) at least one of the polypeptides is glycosylated; (b) at least one of the polypeptides is conjugated at its N-terminus to a polyethylene glycol moiety; and (c) neither of the polypeptides is conjugated to a polyethylene glycol moiety at a position other than the N-terminus, and wherein the amino acid sequence of the first neublastin polypeptide and the second neublastin is NBN113 (SEQ ID NO:2).
- 28. (New) The dimer of claim 27, wherein the N-terminal amino acid of the first neublastin polypeptide and the N-terminal amino acid of the second neublastin polypeptide each is conjugated to a polyethylene glycol moiety.

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29. (New) A composition comprising the dimer of claim 25 and a pharmaceutically acceptable carrier.

- 30. (New) A composition comprising the dimer of claim 26 and a pharmaceutically acceptable carrier.
- 31. (New) A composition comprising the dimer of claim 27 and a pharmaceutically acceptable carrier.
- 32. (New) A composition comprising the dimer of claim 28 and a pharmaceutically acceptable carrier.
- 33. (New) A method of treating neuropathic pain in a human, comprising administering to the human a therapeutically effective amount of the dimer of claim 25.
- 34. (New) A method of treating neuropathic pain in a human, comprising administering to the human a therapeutically effective amount of the dimer of claim 26.
- 35. (New) A method of treating neuropathic pain in a human, comprising administering to the human a therapeutically effective amount of the dimer of claim 27.
- 36. (New) A method of treating neuropathic pain in a human, comprising administering to the human a therapeutically effective amount of the dimer of claim 28.
- 37. (New) A method of activating the RET receptor in a human, comprising administering to the human an effective amount of the dimer of claim 25.

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38. (New) A method of activating the RET receptor in a human, comprising administering to the human an effective amount of the dimer of claim 26.

- 39. (New) A method of activating the RET receptor in a human, comprising administering to the human an effective amount of the dimer of claim 27.
- 40. (New) A method of activating the RET receptor in a human, comprising administering to the human an effective amount of the dimer of claim 28.
- 41. (New) A method of treating a peripheral neuropathy in a human, comprising administering to the human a therapeutically effective amount of the dimer of claim 25.
- 42. (New) A method of treating a peripheral neuropathy in a human, comprising administering to the human a therapeutically effective amount of the dimer of claim 26.
- 43. (New) A method of treating a peripheral neuropathy in a human, comprising administering to the human a therapeutically effective amount of the dimer of claim 27.
- 44. (New) A method of treating a peripheral neuropathy in a human, comprising administering to the human a therapeutically effective amount of the dimer of claim 28.
- 45. (New) A method of treating painful diabetic neuropathy in a human, comprising administering to the human a therapeutically effective amount of the dimer of claim 25.
- 46. (New) A method of treating painful diabetic neuropathy in a human, comprising administering to the human a therapeutically effective amount of the dimer of claim 26.

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47. (New) A method of treating painful diabetic neuropathy in a human, comprising administering to the human a therapeutically effective amount of the dimer of claim 27.

48. (New) A method of treating painful diabetic neuropathy in a human, comprising administering to the human a therapeutically effective amount of the dimer of claim 28.